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PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

* * * * * * * * * * * * * * * Welcome to STN International * * * * * * * * * * *

NEWS 1 Web Page for STN Seminar Schedule - N. America
NEWS 2 JUL 02 LMEDLINE coverage updated
NEWS 3 JUL 02 SCISEARCH enhanced with complete author names
NEWS 4 JUL 02 CHEMCATS accession numbers revised
NEWS 5 JUL 02 CA/CAplus enhanced with utility model patents from China
NEWS 6 JUL 16 CAplus enhanced with French and German abstracts
NEWS 7 JUL 18 CA/CAplus patent coverage enhanced
NEWS 8 JUL 26 USPATFULL/USPAT2 enhanced with IPC reclassification
NEWS 9 JUL 30 USGENE now available on STN
NEWS 10 AUG 06 CAS REGISTRY enhanced with new experimental property tags
NEWS 11 AUG 06 FSTA enhanced with new thesaurus edition
NEWS 12 AUG 13 CA/CAplus enhanced with additional kind codes for granted patents
NEWS 13 AUG 20 CA/CAplus enhanced with CAS indexing in pre-1907 records
NEWS 14 AUG 27 Full-text patent databases enhanced with predefined patent family display formats from INPADOCDB
NEWS 15 AUG 27 USPATOLD now available on STN
NEWS 16 AUG 28 CAS REGISTRY enhanced with additional experimental spectral property data
NEWS 17 SEP 07 STN AnaVist, Version 2.0, now available with Derwent World Patents Index
NEWS 18 SEP 13 FORIS renamed to SOFIS
NEWS 19 SEP 13 INPADOCDB enhanced with monthly SDI frequency
NEWS 20 SEP 17 CA/CAplus enhanced with printed CA page images from 1967-1998
NEWS 21 SEP 17 CAplus coverage extended to include traditional medicine patents
NEWS 22 SEP 24 EMBASE, EMBAL, and LEMBASE reloaded with enhancements
NEWS 23 OCT 02 CA/CAplus enhanced with pre-1907 records from Chemisches Zentralblatt
NEWS 24 OCT 19 BEILSTEIN updated with new compounds
NEWS 25 NOV 15 Derwent Indian patent publication number format enhanced
NEWS 26 NOV 19 WPIX enhanced with XML display format
NEWS 27 NOV 30 ICSD reloaded with enhancements
NEWS 28 DEC 04 LINPADOCDB now available on STN

NEWS EXPRESS 19 SEPTEMBER 2007: CURRENT WINDOWS VERSION IS V8.2,
CURRENT MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP),
AND CURRENT DISCOVER FILE IS DATED 19 SEPTEMBER 2007.

NEWS HOURS STN Operating Hours Plus Help Desk Availability
NEWS LOGIN Welcome Banner and News Items
NEWS IPC8 For general information regarding STN implementation of IPC 8

Enter NEWS followed by the item number or name to see news on that specific topic.

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=> file req

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SINCE FILE

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STRUCTURE FILE UPDATES: 11 DEC 2007 HIGHEST RN 957570-32-0
DICTIONARY FILE UPDATES: 11 DEC 2007 HIGHEST RN 957570-32-0

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TSCA INFORMATION NOW CURRENT THROUGH June 29, 2007

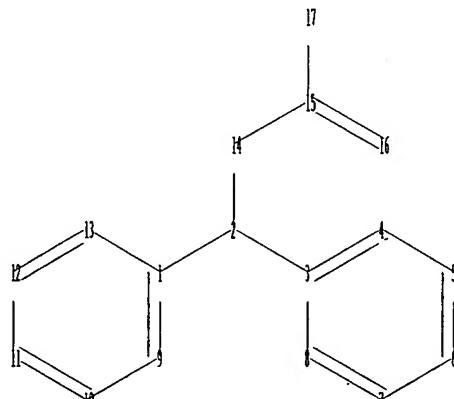
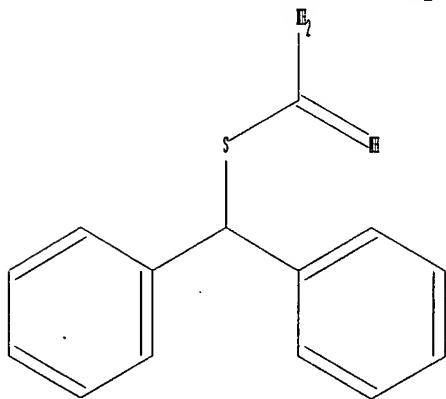
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REGISTRY includes numerically searchable data for experimental and predicted properties as well as tags indicating availability of experimental property data in the original document. For information on property searching in REGISTRY, refer to:

<http://www.cas.org/support/stngen/stndoc/properties.html>

\Rightarrow

Uploading C:\Documents and Settings\PZucker\My Documents\Examination Auxillary files\10570243\10570243 key intermediate.str



chain nodes :

2 14 15 16 17

ring nodes :

1 3 4 5 6 7 8 9 10 11 12 13

```

chain bonds :
1-2 2-3 2-14 14-15 15-16 15-17
ring bonds :
1-9 1-13 3-4 3-8 4-5 5-6 6-7 7-8 9-10 10-11 11-12 12-13
exact/norm bonds :
2-14 14-15 15-16 15-17
exact bonds :
1-2 2-3
normalized bonds :
1-9 1-13 3-4 3-8 4-5 5-6 6-7 7-8 9-10 10-11 11-12 12-13

Match level :
1:Atom 2:CLASS 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:Atom
11:Atom 12:Atom 13:Atom 14:CLASS 15:CLASS 16:CLASS 17:CLASS

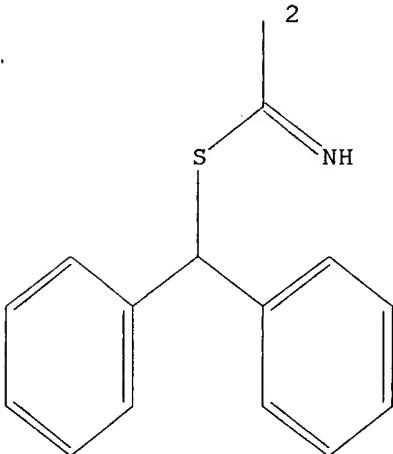
```

L1 STRUCTURE UPLOADED

```

=> d l1
L1 HAS NO ANSWERS
L1            STR

```



Structure attributes must be viewed using STN Express query preparation.

```

=> search l1 sss sam
SAMPLE SEARCH INITIATED 11:23:20 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED -        12 TO ITERATE

```

```

100.0% PROCESSED        12 ITERATIONS        2 ANSWERS
SEARCH TIME: 00.00.01

```

```

FULL FILE PROJECTIONS: ONLINE    **COMPLETE**
                          BATCH     **COMPLETE**
PROJECTED ITERATIONS:    33 TO        447
PROJECTED ANSWERS:        '2 TO        124

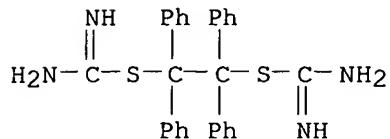
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L2 2 SEA SSS SAM L1

=> d scan

L2 2 ANSWERS REGISTRY COPYRIGHT 2007 ACS on STN

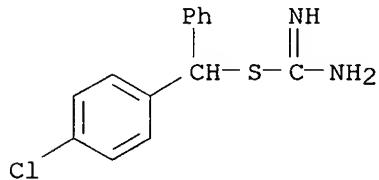
IN Pseudourea, 2,2'-(tetraphenylethylene)bis[2-thio- (7CI)
MF C28 H26 N4 S2
CI COM



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):2

L2 2 ANSWERS REGISTRY COPYRIGHT 2007 ACS on STN
IN Carbamimidothioic acid, (4-chlorophenyl)phenylmethyl ester
MF C14 H13 Cl N2 S
CI COM



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

ALL ANSWERS HAVE BEEN SCANNED

| => file caplus | SINCE FILE | TOTAL |
|----------------------|------------|---------|
| COST IN U.S. DOLLARS | ENTRY | SESSION |
| FULL ESTIMATED COST | 1.35 | 1.77 |

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FILE COVERS 1907 - 12 Dec 2007 VOL 147 ISS 25
FILE LAST UPDATED: 11 Dec 2007 (20071211/ED)

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<http://www.cas.org/infopolicy.html>

=> 12
L3 0 L2

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DICTIONARY FILE UPDATES: 11 DEC 2007 HIGHEST RN 957570-32-0

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TSCA INFORMATION NOW CURRENT THROUGH June 29, 2007

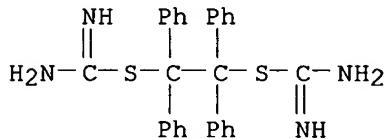
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REGISTRY includes numerically searchable data for experimental and predicted properties as well as tags indicating availability of experimental property data in the original document. For information on property searching in REGISTRY, refer to:

<http://www.cas.org/support/stngen/stndoc/properties.html>

=> d 12 1-2

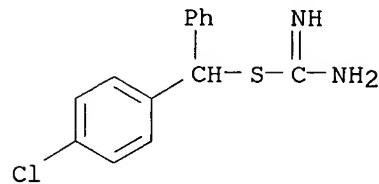
L2 ANSWER 1 OF 2 REGISTRY COPYRIGHT 2007 ACS on STN
RN 805944-17-6 REGISTRY
ED Entered STN: 30 Dec 2004
CN Pseudourea, 2,2'-(tetraphenylethylene)bis[2-thio- (7CI) (CA INDEX NAME)
MF C28 H26 N4 S2
CI COM
SR CA



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L2 ANSWER 2 OF 2 REGISTRY COPYRIGHT 2007 ACS on STN
RN 737715-07-0 REGISTRY
ED Entered STN: 02 Sep 2004

CN Carbamimidothioic acid, (4-chlorophenyl)phenylmethyl ester (CA INDEX NAME)
 MF C14 H13 Cl N2 S
 CI COM
 SR CA



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

=> e modafinil/cn

E1 1 MODACRYLIC FIBERS, ACRYLONITRILE-VINYL CHLORIDE-VINYLDENE CL
 HOLORIDE POLYMERS/CN
 E2 1 MODACRYLIC FIBERS, CARBOXY-CONTG./CN
 E3 1 --> MODAFINIL/CN
 E4 1 MODAFINIL ACID/CN
 E5 1 MODAFLOW/CN
 E6 1 MODAFLOW 2000/CN
 E7 1 MODAFLOW 2000, POLYMER WITH (CHLOROMETHYL)OXIRANE, 4,4'-(1-M
 ETHYLETHYLIDENE)BIS(PHENOL) AND NIKANOL GP/CN
 E8 1 MODAFLOW 2000, POLYMER WITH 1,4-BENZENEDICARBOXYLIC ACID, (2
 E)-2-BUTENEDIOIC ACID, 2,2-DIMETHYL-1,3-PROPANEDIOL, 1,2-ETH
 ANEDIOL, 2,5-FURANDIONE AND 2-METHYL-1-PROPENE/CN
 E9 1 MODAFLOW 2000, POLYMER WITH 1,4-BENZENEDICARBOXYLIC ACID, 1,
 3-BENZENEDIMETHANAMINE, 2,2-DIMETHYL-1,3-PROPANEDIOL, EPOMIK
 R 304 AND HEXANEDIOIC ACID/CN
 E10 1 MODAFLOW 2000, POLYMER WITH 1,4-BENZENEDICARBOXYLIC ACID, 1,
 3-BENZENEDIMETHANAMINE, 2,2-DIMETHYL-1,3-PROPANEDIOL, EPOMIK
 R 304, HEXANEDIOIC ACID AND 1,3,5-TRIS(OXIRANYLMETHYL)-1,3,
 5-TRIAZINE-2,4,6(1H, /CN
 E11 2 MODAFLOW 2000, POLYMER WITH 1,4-BENZENEDICARBOXYLIC ACID, 1,
 3-BENZENEDIMETHANAMINE, 2,2-DIMETHYL-1,3-PROPANEDIOL, EPOMIK
 R 304, HEXANEDIOIC ACID, ((1-METHYLETHYLIDENE)BIS(4,1-PHENY
 LENOXY))BIS(PROPANO/CN
 E12 1 MODAFLOW 2000, POLYMER WITH 1,4-BENZENEDICARBOXYLIC ACID, 1,
 3-BENZENEDIMETHANAMINE, 2,2-DIMETHYL-1,3-PROPANEDIOL, EPOMIK
 R 304, HEXANEDIOIC ACID, 2,4,6-PYRIDINETRIAMINE AND 1,3,5-T
 RIS(OXIRANYLMETHYL)-/CN

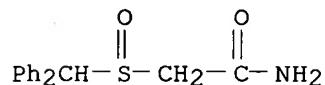
=> e3

L4 1 MODAFINIL/CN

=> d 14

L4 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2007 ACS on STN
 RN 68693-11-8 REGISTRY
 ED Entered STN: 16 Nov 1984
 CN Acetamide, 2-[(diphenylmethyl)sulfinyl]- (CA INDEX NAME)
 OTHER NAMES:
 CN (±)-Modafinil
 CN 2-(Benzhydrylsulfinyl)acetamide
 CN CEP 1538
 CN CRC 40476

CN CRL 40476
 CN DEP 1538
 CN Modafinil
 CN Modaphonil
 CN Miododal
 CN Provigil
 DR 112111-49-6
 MF C15 H15 N O2 S
 CI COM
 LC STN Files: ADISINSIGHT, ADISNEWS, AGRICOLA, ANABSTR, BEILSTEIN*, BIOSIS,
 BIOTECHNO, CA, CAPLUS, CASREACT, CBNB, CHEMCATS, CHEMLIST, CIN, CSCHEM,
 DDFU, DRUGU, EMBASE, IMSCOSEARCH, IMSDRUGNEWS, IMSPATENTS, IMSRESEARCH,
 IPA, MEDLINE, MRCK*, PATDPASPC, PHAR, PROMT, PROUSDDR, PS, RTECS*,
 SYNTHLINE, TOXCENTER, USAN, USPAT2, USPATFULL
 (*File contains numerically searchable property data)
 Other Sources: WHO



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

481 REFERENCES IN FILE CA (1907 TO DATE)
 7 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
 484 REFERENCES IN FILE CAPLUS (1907 TO DATE)

=> e benzhyrol/cn

| | | |
|-----|-------|---|
| E1 | 1 | BENZHYDRYLTRIPHENYLPHOSPHONIUM BROMIDE/CN |
| E2 | 1 | BENZHYDRYLUREA/CN |
| E3 | 0 --> | BENZHYROL/CN |
| E4 | 1 | BENZIAZEM/CN |
| E5 | 1 | BENZIDAMINE/CN |
| E6 | 1 | BENZIDAMINE FLUFENAMATE (1:1)/CN |
| E7 | 1 | BENZIDAMINE HYDROCHLORIDE/CN |
| E8 | 1 | BENZIDAMINE SALICYLATE/CN |
| E9 | 1 | BENZIDAZOL/CN |
| E10 | 1 | BENZIDE-2,5-BIS(METHOXCARBONYL)TEREPHTHALOYL CHLORIDE COPOLYMER/CN |
| E11 | 1 | BENZIDENE COMPOUND WITH S-TRINITROBENZENE AND BENZENE (2:2:1)/CN |
| E12 | 1 | BENZIDENE-4,4'-(PHENYLPHOSPHINYLDENE)DIPHTHALIC ANHYDRIDE POLYMER, SRU/CN |

=> e benzhydrol/cn

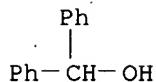
| | | |
|-----|-------|--|
| E1 | 1 | BENZHYDRO (DIPHENYLMETHANOL), THIOBENZOATE/CN |
| E2 | 1 | BENZHYDROFLUMETHIAZIDE/CN |
| E3 | 1 --> | BENZHYDROL/CN |
| E4 | 1 | BENZHYDROL B-DIMETHYLAMINOETHYL ETHER HYDROCHLORIDE/CN |
| E5 | 1 | BENZHYDROL DILITHIUM SALT/CN |
| E6 | 1 | BENZHYDROL DIPOTASSIUM SALT/CN |
| E7 | 1 | BENZHYDROL DISODIUM SALT/CN |
| E8 | 1 | BENZHYDROL ETHER/CN |
| E9 | 1 | BENZHYDROL GLUCURONIDE/CN |
| E10 | 1 | BENZHYDROL IODOCALCIUM SALT/CN |
| E11 | 1 | BENZHYDROL METHYL ETHER/CN |
| E12 | 1 | BENZHYDROL, ((TRIFLUOROMETHYL)THIO)CARBAMATE/CN |

=> e3

L5 1 BENZHYDROL/CN

=> d 15

L5 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2007 ACS on STN
RN 91-01-0 REGISTRY
ED Entered STN: 16 Nov 1984
CN Benzenemethanol, α -phenyl- (CA INDEX NAME)
OTHER CA INDEX NAMES:
CN Benzhydrol (8CI)
OTHER NAMES:
CN α -Phenylbenzenemethanol
CN α -Phenylbenzyl alcohol
CN Benzhdryl alcohol
CN Benzohydrol
CN Diphenylcarbinol
CN Diphenylmethanol
CN Diphenylmethyl alcohol
CN Hydroxydiphenylmethane
CN NSC 32150
MF C13 H12 O
CI COM
LC STN Files: AGRICOLA, ANABSTR, BEILSTEIN*, BIOSIS, BIOTECHNO, CA, CAOLD,
CAPLUS, CASREACT, CHEMCATS, CHEMINFORMRX, CHEMLIST, CSCHEM, DETHERM*,
EMBASE, GMELIN*, IFICDB, IFIPAT, IFIUDB, IPA, MEDLINE, MRCK*, MSDS-OHS,
PIRA, PS, RTECS*, SPECINFO, SYNTHLINE, TOXCENTER, USPAT2, USPATFULL,
USPATOLD
(*File contains numerically searchable property data)
Other Sources: DSL**, EINECS**, TSCA**
(**Enter CHEMLIST File for up-to-date regulatory information)



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

3271 REFERENCES IN FILE CA (1907 TO DATE)
45 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
3289 REFERENCES IN FILE CAPLUS (1907 TO DATE)
3 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

=> e thiourea/cn

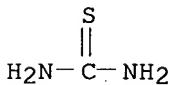
E1 1 THIOURACIL SODIUM SALT/CN
E2 1 THIOURANIC TRITHIOGLYCOLIC ACID/CN
E3 1 --> THIOUREA/CN
E4 1 THIOUREA COMPD. WITH 2,3-DIMETHYLBUTADIENE (3:1)/CN
E5 1 THIOUREA COMPD. WITH DIETHYL OXALATE (2:1)/CN
E6 1 THIOUREA COMPD. WITH NICKEL NITRATE (NI(NO₃)₂) (6:1)/CN
E7 1 THIOUREA COMPD. WITH ZINC PERCHLORATE (4:1)/CN
E8 1 THIOUREA COMPOUND WITH 2,2-DIMETHYLBUTANE/CN
E9 1 THIOUREA COMPOUND WITH AMMONIUM NITRATE (4:1)/CN
E10 1 THIOUREA COMPOUND WITH CADMIUM IODIDE (2:1)/CN
E11 1 THIOUREA COMPOUND WITH CARBON TETRACHLORIDE/CN
E12 1 THIOUREA COMPOUND WITH CHLOROFORM/CN

=> e3

L6 1 THIOUREA/CN

=> d 16

L6 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2007 ACS on STN
RN 62-56-6 REGISTRY
ED Entered STN: 16 Nov 1984
CN Thiourea (CA INDEX NAME)
OTHER CA INDEX NAMES:
CN Pseudourea (NH₂.C(OH):NH), thio- (3CI)
CN Pseudourea, 2-thio- (6CI, 7CI)
CN Urea, thio- (8CI)
OTHER NAMES:
CN β-Thiopseudourea
CN 2-Thiourea
CN Isothiourea
CN NSC 5033
CN Pseudothiourea
CN Thiocarbamide
CN THU
CN TsIZP 34
MF C H₄ N₂ S
CI COM
LC STN Files: ADISNEWS, AGRICOLA, ANABSTR, AQUIRE, BEILSTEIN*, BIOSIS,
BIOTECHNO, CA, CABAB, CAOLD, CAPLUS, CASREACT, CBNB, CHEMCATS,
CHEMINFORMRX, CHEMLIST, CHEMSAFE, CIN, CSCHEM, CSNB, DDFU, DETHERM*,
DRUGU, EMBASE, ENCOMPLIT, ENCOMPLIT2, ENCOMPPAT, ENCOMPPAT2, GMELIN*,
HSDB*, IFICDB, IFIPAT, IFIUDB, IPA, MEDLINE, MRCK*, MSDS-OHS, PIRA,
PROMT, PS, RTECS*, SPECINFO, SYNTHLINE, TOXCENTER, TULSA, ULIDAT,
USPAT2, USPATFULL
(*File contains numerically searchable property data)
Other Sources: DSL**, EINECS**, TSCA**
(**Enter CHEMLIST File for up-to-date regulatory information)



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

24783 REFERENCES IN FILE CA (1907 TO DATE)
1724 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
24874 REFERENCES IN FILE CAPLUS (1907 TO DATE)
5 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

| => file caplus | COST IN U.S. DOLLARS | SINCE FILE ENTRY | TOTAL SESSION |
|----------------|----------------------|------------------|---------------|
| | FULL ESTIMATED COST | 27.75 | 29.99 |

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FILE LAST UPDATED: 11 Dec 2007 (20071211/ED)

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=> dhis
L7 23 DHIS

=> d his

(FILE 'HOME' ENTERED AT 11:21:45 ON 12 DEC 2007)

FILE 'REGISTRY' ENTERED AT 11:22:40 ON 12 DEC 2007
L1 STRUCTURE uploaded
L2 2 SEARCH L1 SSS SAM

FILE 'CAPLUS' ENTERED AT 11:24:25 ON 12 DEC 2007
L3 0 L2

FILE 'REGISTRY' ENTERED AT 11:24:56 ON 12 DEC 2007
E MODAFINIL/CN
L4 1 E3
E BENZHYROL/CN
E BENZHYDROL/CN
L5 1 E3
E THIOUREA/CN
L6 1 E3

FILE 'CAPLUS' ENTERED AT 11:29:14 ON 12 DEC 2007
L7 23 DHIS

=> 14/prep
484 L4
4501150 PREP/RL
L8 39 L4/PREP
(L4 (L) PREP/RL)

=> 15
L9 3289 L5

=> 16
L10 24874 L6

=> 18 and 19
L11 15 L8 AND L9

=> 110 and 111
L12 5 L10 AND L11

=> d 112 1-5 ti fbib abs

L12 ANSWER 1 OF 5 CAPLUS COPYRIGHT 2007 ACS on STN
TI Process for preparing substituted sulfinyl acetamide

AN 2005:459993 CAPLUS
 DN 143:153154
 TI Process for preparing substituted sulfinyl acetamide
 IN Wang, Lin; Jin, Yiguang; Li, Lu
 PA Inst. of Radiation Medicine, Academy of Military Medical Sciences, Pla,
 Peop. Rep. China
 SO Faming Zhuanli Shenqing Gongkai Shuomingshu, No pp. given
 CODEN: CNXXEV

DT Patent
 LA Chinese
 FAN.CNT 1

| | PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|----|------------|------|----------|-----------------|----------|
| PI | CN 1511829 | A | 20040714 | CN 2002-159417 | 20021231 |
| | | | | CN 2002-159417 | 20021231 |

OS CASREACT 143:153154

AB The present invention discloses the preparation of substituted sulfinyl acetamide from substituted mercaptoacetonitrile by oxidation and hydrolysis. Thus, stirring Ph₂CHSCH₂CN with 6% H₂O₂ and aqueous NaOH in MeOH at room temperature for 24 h gave Ph₂CHSOCH₂CONH₂.

L12 ANSWER 2 OF 5 CAPLUS COPYRIGHT 2007 ACS on STN

TI Process for preparing benzhydrylthioacetamide an intermediate in the manufacture of modafinil

AN 2005:409471 CAPLUS

DN 142:463456

TI Process for preparing benzhydrylthioacetamide an intermediate in the manufacture of modafinil

IN Liang, Sidney

PA Mallinckrodt Inc., USA

SO PCT Int. Appl., 21 pp.

CODEN: PIXXD2

DT Patent
 LA English
 FAN.CNT 1

| | PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|----|---------------|------|----------|--|-----------------|
| PI | WO 2005042479 | A1 | 20050512 | WO 2004-US34975 | 20041022 |
| | | | | W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH,
CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD,
GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC,
LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI,
NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY,
TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW
RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM,
AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK,
EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE,
SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE,
SN, TD, TG | US 2003-513779P |
| | | | | US 2004-557331P | P 20040329 |
| AU | 2004285925 | A1 | 20050512 | AU 2004-285925 | 20041022 |
| | | | | US 2003-513779P | P 20031023 |
| | | | | US 2004-557331P | P 20040329 |
| CA | 2543326 | A1 | 20050512 | WO 2004-US34975 | W 20041022 |
| | | | | CA 2004-2543326 | 20041022 |
| | | | | US 2003-513779P | P 20031023 |
| EP | 1678129 | A1 | 20060712 | US 2004-557331P | P 20040329 |
| | | | | WO 2004-US34975 | W 20041022 |
| | | | | EP 2004-796038 | 20041022 |
| | | | | R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,
IE, SI, FI, RO, CY, TR, BG, CZ, EE, HU, PL, SK | |

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|----------------|---|----------|------------------|------------|
| | | | US 2003-513779P | P 20031023 |
| | | | US 2004-557331P | P 20040329 |
| | | | WO 2004-US34975 | W 20041022 |
| CN 1871211 | A | 20061129 | CN 2004-80031352 | 20041022 |
| | | | US 2003-513779P | P 20031023 |
| | | | US 2004-557331P | P 20040329 |
| | | | WO 2004-US34975 | W 20041022 |
| JP 2007509161 | T | 20070412 | JP 2006-536808 | 20041022 |
| | | | US 2003-513779P | P 20031023 |
| | | | US 2004-557331P | P 20040329 |
| | | | WO 2004-US34975 | W 20041022 |
| MX 2006PA04403 | A | 20060706 | MX 2006-PA4403 | 20060420 |
| | | | US 2003-513779P | P 20031023 |
| | | | US 2004-557331P | P 20040329 |
| | | | WO 2004-US34975 | W 20041022 |
| IN 2006CN01383 | A | 20070706 | IN 2006-CN1383 | 20060421 |
| | | | US 2003-513779P | P 20031023 |
| | | | WO 2004-US34975 | W 20041022 |

OS CASREACT 142:463456

AB An process is described for preparing modafinil where benzhydrylthioacetate is prepared in high yield and purity by the reaction of a haloacetate ester with the reaction product of thiourea and benzhydrol. The reaction employing the haloacetate is conducted in a solvent comprising an organic solvent such as methanol having dissolved in it an organic base or an inorg. basic salt such as sodium bicarbonate. The resulting benzhydrylthioacetate can be amidated and then oxidized to provide the pharmaceutical grade modafinil in high yield and purity.

RE.CNT 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L12 ANSWER 3 OF 5 CAPLUS COPYRIGHT 2007 ACS on STN
TI Preparation of diphenylmethylthioacetamide derivatives
AN 2005:393425 CAPLUS
DN 142:481831
TI Preparation of diphenylmethylthioacetamide derivatives
IN Lin, Shanliang
PA Beijing Ruikang Medical Technology Co., Ltd., Peop. Rep. China
SO Faming Zhuanli Shengqing Gongkai Shuomingshu, 7 pp.
CODEN: CNXXEV

DT Patent
LA Chinese

FAN.CNT 1

| | PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|----|------------|------|----------|-----------------|----------|
| PI | CN 1432565 | A | 20030730 | CN 2002-100188 | 20020118 |
| | | | | CN 2002-100188 | 20020118 |

OS CASREACT 142:481831; MARPAT 142:481831
AB Title compds. R1R2CHSCH2CONR3R4 (R1, R2 = Ph, substituted Ph; R3, R4 = H, alkyl, etc.) are prepared by condensation reaction of R1R2CHOH with thiourea in the presence of acid and then substitution reaction with XCH2CONR3R4 (X = halo, 4-tolylsulfonyloxy, methylsulfonyloxy, etc) in solvent (water, methanol, alc., THF, etc) in the presence or absence of base at 25-120°.

L12 ANSWER 4 OF 5 CAPLUS COPYRIGHT 2007 ACS on STN
TI Improved process for preparing benzhydrylthioacetamide
AN 2004:740125 CAPLUS
DN 141:265963
TI Improved process for preparing benzhydrylthioacetamide
IN Liang, Sidney
PA Mallinckrodt Inc., USA
SO PCT Int. Appl., 16 pp.
CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

| | PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|----|---|------|----------|------------------|------------|
| PI | WO 2004075841 | A2 | 20040910 | WO 2004-US5265 | 20040223 |
| | WO 2004075841 | A3 | 20050407 | | |
| | W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI | | | | |
| | RW: BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG | | | | |
| | | | | US 2003-449629P | P 20030224 |
| | CA 2511992 | A1 | 20040910 | CA 2004-2511992 | 20040223 |
| | | | | US 2003-449629P | P 20030224 |
| | | | | WO 2004-US5265 | W 20040223 |
| EP | 1603867 | A2 | 20051214 | EP 2004-713742 | 20040223 |
| | R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK | | | | |
| | | | | US 2003-449629P | P 20030224 |
| | | | | WO 2004-US5265 | W 20040223 |
| CN | 1753867 | A | 20060329 | CN 2004-80005033 | 20040223 |
| | | | | US 2003-449629P | P 20030224 |
| JP | 2006518754 | T | 20060817 | JP 2006-503792 | 20040223 |
| | | | | US 2003-449629P | P 20030224 |
| | | | | WO 2004-US5265 | W 20040223 |
| US | 2006160903 | A1 | 20060720 | US 2005-537965 | 20050609 |
| US | 7244865 | B2 | 20070717 | | |
| | | | | US 2003-449629P | P 20030224 |
| | | | | WO 2004-US5265 | W 20040223 |
| MX | 2005PA08088 | A | 20050921 | MX 2005-PA8088 | 20050728 |
| | | | | US 2003-449629P | P 20030224 |
| | | | | WO 2004-US5265 | W 20040223 |
| IN | 2005CN02010 | A | 20070727 | IN 2005-CN2010 | 20050823 |
| | | | | WO 2004-US5265 | W 20040223 |

AB An improved process for preparing modafinil wherein benzhydrylthioacetamide is prepared in high yields and purity by the reaction of a haloacetamide with the reaction product of thiourea and benzhydrol in aqueous solution is disclosed. The reaction employing the haloacetamide is conducted in a solvent comprising water and an organic solvent such as DMF having dissolved therein a basic salt such as potassium carbonate. The resulting benzhydrylthioacetamide can be oxidized to provide the pharmaceutical modafinil.

L12 ANSWER 5 OF 5 CAPLUS COPYRIGHT 2007 ACS on STN

TI Process for the preparation of modafinil

AN 2003:950985 CAPLUS

DN 140:4859

TI Process for the preparation of modafinil

IN Largeau, Denis; Oddon, Gilles

PA Cephalon, Inc., USA

SO PCT Int. Appl., 24 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

| | PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|----|--|------|----------|-----------------|----------|
| PI | WO 2003099774 | A1 | 20031204 | WO 2003-US16379 | 20030523 |
| | W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, | | | | |

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| CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH,
GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR,
LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH,
PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ,
UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW | |
| RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY,
KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES,
FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR,
BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG | |
| | US 2002-383173P P 20020523 |
| | US 2003-443327 A 20030522 |
| US 2004002547 A1 20040101 | US 2003-443327 20030522 |
| US 6875893 B2 20050405 | |
| | US 2002-383173P P 20020523 |
| CA 2486533 A1 20031204 | CA 2003-2486533 20030523 |
| | US 2002-383173P P 20020523 |
| | US 2003-443327 A 20030522 |
| | WO 2003-US16379 W 20030523 |
| AU 2003233668 A1 20031212 | AU 2003-233668 20030523 |
| | US 2002-383173P P 20020523 |
| | US 2003-443327 A 20030522 |
| | WO 2003-US16379 W 20030523 |
| EP 1506171 A1 20050216 | EP 2003-729108 20030523 |
| R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,
IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK | |
| | US 2002-383173P P 20020523 |
| | US 2003-443327 A 20030522 |
| | WO 2003-US16379 W 20030523 |
| BR 2003011242 A 20050315 | BR 2003-11242 20030523 |
| | US 2002-383173P P 20020523 |
| | US 2003-443327 A 20030522 |
| | WO 2003-US16379 W 20030523 |
| CN 1656064 A 20050817 | CN 2003-811838 20030523 |
| | US 2002-383173P P 20020523 |
| | US 2003-443327 A 20030522 |
| JP 2005527623 T 20050915 | JP 2004-507432 20030523 |
| | US 2002-383173P P 20020523 |
| | US 2003-443327 A 20030522 |
| | WO 2003-US16379 W 20030523 |
| NZ 536747 A 20061130 | NZ 2003-536747 20030523 |
| | US 2002-383173P P 20020523 |
| | US 2003-443327 A 20030522 |
| | WO 2003-US16379 W 20030523 |
| IN 2004KN01695 A 20060728 | IN 2004-KN1695 20041109 |
| | US 2002-383173P P 20020523 |
| | US 2003-443327 A 20030522 |
| | WO 2003-US16379 W 20030523 |
| NO 2004004916 A 20041216 | NO 2004-4916 20041111 |
| | US 2002-383173P P 20020523 |
| | US 2003-443327 A 20030522 |
| | WO 2003-US16379 W 20030523 |
| MX 2004PA11459 A 20050214 | MX 2004-PA11459 20041118 |
| | US 2002-383173P P 20020523 |
| | US 2003-443327 A 20030522 |
| | WO 2003-US16379 W 20030523 |
| EG 23693 A 20070515 | EG 2004-127 20041121 |
| | US 2002-383173P P 20020523 |
| | US 2003-443327 A 20030522 |
| | WO 2003-US16379 W 20030523 |
| ZA 2004009400 A 20051005 | ZA 2004-9400 20041122 |
| | US 2002-383173P P 20020523 |
| US 2005171209 A1 20050804 | US 2005-91215 20050328 |
| US 7057069 B2 20060606 | |

US 2002-383173P P 20020523
US 2003-443327 A1 20030522

OS CASREACT 140:4859

AB Modafinil is prepared in high yield and selectivity by reacting benzhydrylthiol (which is prepared by the reaction of thiourea with benzhydrol, followed by base hydrolysis of the unisolated S-benzylhydrylthiouronium intermediate salt) and chloroacetamide to give 2-(benzhydrylthio)acetamide which is then oxidized to give modafinil [i.e., 2-[(diphenylmethyl)sulfinyl]acetamide].

RE.CNT 7 THERE ARE 7 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> save temp all modafsrch/l
L# LIST L1-L12 HAS BEEN SAVED AS 'MODAFSRCH/L'

=> logoff hold

| COST IN U.S. DOLLARS | SINCE FILE ENTRY | TOTAL SESSION |
|--|------------------|---------------|
| FULL ESTIMATED COST | 27.10 | 57.09 |
| DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS) | SINCE FILE ENTRY | TOTAL SESSION |
| CA SUBSCRIBER PRICE | -3.90 | -3.90 |

SESSION WILL BE HELD FOR 120 MINUTES
STN INTERNATIONAL SESSION SUSPENDED AT 11:40:54 ON 12 DEC 2007

Connecting via Winsock to STN

Welcome to STN International! Enter x:x

LOGINID:SSSPTA1623PAZ

PASSWORD:

* * * * * RECONNECTED TO STN INTERNATIONAL * * * * *
SESSION RESUMED IN FILE 'CAPLUS' AT 12:45:00 ON 12 DEC 2007
FILE 'CAPLUS' ENTERED AT 12:45:00 ON 12 DEC 2007
COPYRIGHT (C) 2007 AMERICAN CHEMICAL SOCIETY (ACS)

| COST IN U.S. DOLLARS | SINCE FILE ENTRY | TOTAL SESSION |
|--|------------------|---------------|
| FULL ESTIMATED COST | 27.57 | 57.56 |
| DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS) | SINCE FILE ENTRY | TOTAL SESSION |
| CA SUBSCRIBER PRICE | -3.90 | -3.90 |

=> logoff hold

| COST IN U.S. DOLLARS | SINCE FILE ENTRY | TOTAL SESSION |
|--|------------------|---------------|
| FULL ESTIMATED COST | 28.04 | 58.03 |
| DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS) | SINCE FILE ENTRY | TOTAL SESSION |
| CA SUBSCRIBER PRICE | -3.90 | -3.90 |

SESSION WILL BE HELD FOR 120 MINUTES
STN INTERNATIONAL SESSION SUSPENDED AT 12:45:30 ON 12 DEC 2007

Connecting via Winsock to STN

Welcome to STN International! Enter x:x

LOGINID:SSSPTA1623PAZ

PASSWORD:

* * * * * RECONNECTED TO STN INTERNATIONAL * * * * *
SESSION RESUMED IN FILE 'CPLUS' AT 13:23:13 ON 12 DEC 2007
FILE 'CPLUS' ENTERED AT 13:23:13 ON 12 DEC 2007
COPYRIGHT (C) 2007 AMERICAN CHEMICAL SOCIETY (ACS)

| COST IN U.S. DOLLARS | SINCE FILE ENTRY | TOTAL SESSION |
|--|------------------|---------------|
| FULL ESTIMATED COST | 28.04 | 58.03 |
| DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS) | SINCE FILE ENTRY | TOTAL SESSION |
| CA SUBSCRIBER PRICE | -3.90 | -3.90 |
| => file casreact | | |
| COST IN U.S. DOLLARS | SINCE FILE ENTRY | TOTAL SESSION |
| FULL ESTIMATED COST | 28.51 | 58.50 |
| DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS) | SINCE FILE ENTRY | TOTAL SESSION |
| CA SUBSCRIBER PRICE | -3.90 | -3.90 |

FILE 'CASREACT' ENTERED AT 13:23:48 ON 12 DEC 2007
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Copyright of the articles to which records in this database refer is held by the publishers listed in the PUBLISHER (PB) field (available for records published or updated in Chemical Abstracts after December 26, 1996), unless otherwise indicated in the original publications.

FILE CONTENT:1840 - 8 Dec 2007 VOL 147 ISS 25

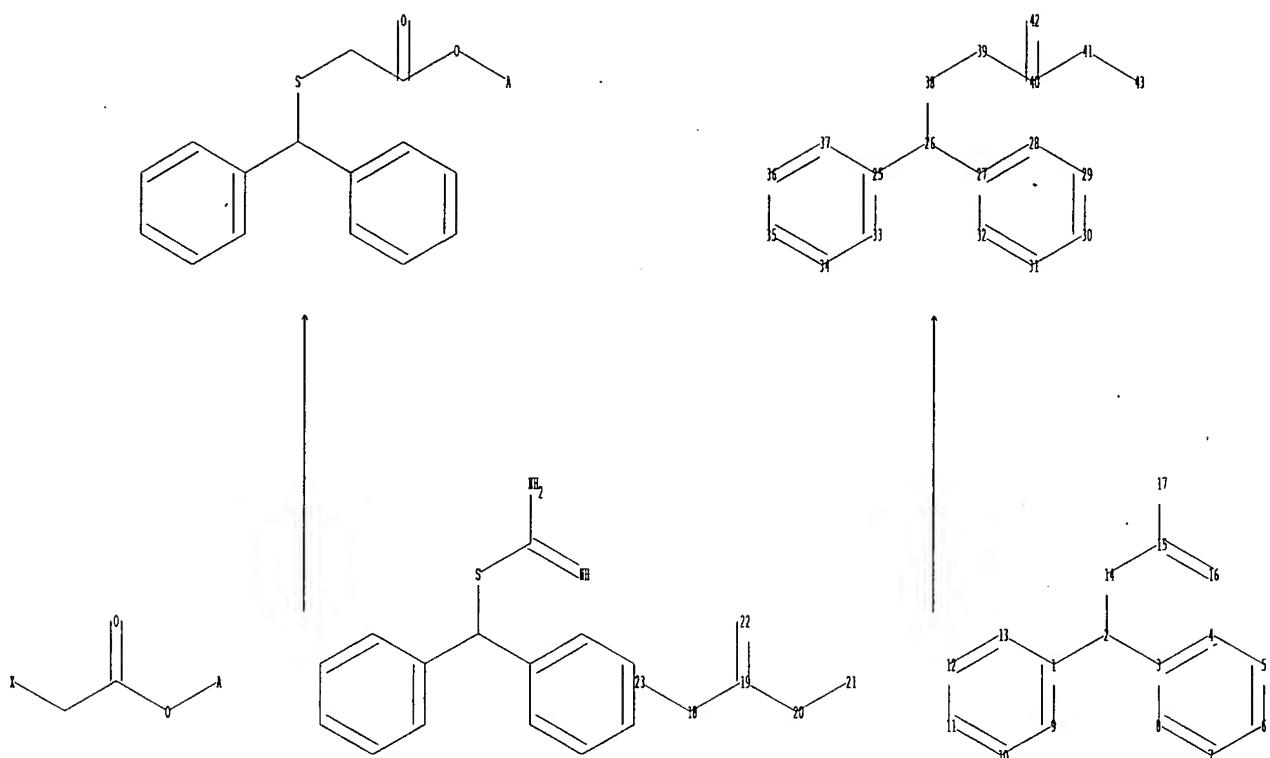
New CAS Information Use Policies, enter HELP USAGETERMS for details.

*
* CASREACT now has more than 13.8 million reactions *
*

Some CASREACT records are derived from the ZIC/VINITI database (1974-1999) provided by InfoChem, INPI data prior to 1986, and Biotransformations database compiled under the direction of Professor Dr. Klaus Kieslich.

This file contains CAS Registry Numbers for easy and accurate substance identification.

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Uploading C:\Documents and Settings\PZucker\My Documents\Examination Auxillary files\10570243\10570243 key reaction.str



chain nodes :

2 14 15 16 17 18 19 20 21 22 23 26 38 39 40 41 42 43

ring nodes :

1 3 4 5 6 7 8 9 10 11 12 13 25 27 28 29 30 31 32 33 34 35 36

37

chain bonds :

1-2 2-3 2-14 14-15 15-16 15-17 18-19 18-23 19-20 19-22 20-21 25-26

26-27 26-38 38-39 39-40 40-41 40-42 41-43

ring bonds :

1-9 1-13 3-4 3-8 4-5 5-6 6-7 7-8 9-10 10-11 11-12 12-13 25-33 25-37

27-28 27-32 28-29 29-30 30-31 31-32 33-34 34-35 35-36 36-37

exact/norm bonds :

2-14 14-15 15-16 15-17 19-20 19-22 20-21 26-38 38-39 40-41 40-42 41-43

exact bonds :

1-2 2-3 18-19 18-23 25-26 26-27 39-40

normalized bonds :

1-9 1-13 3-4 3-8 4-5 5-6 6-7 7-8 9-10 10-11 11-12 12-13 25-33 25-37

27-28 27-32 28-29 29-30 30-31 31-32 33-34 34-35 35-36 36-37

Hydrogen count :

2:>= minimum 1 18:>= minimum 2 26:>= minimum 1 39:>= minimum 2

Match level :

1:Atom 2:CLASS 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:Atom

11:Atom 12:Atom 13:Atom 14:CLASS 15:CLASS 16:CLASS 17:CLASS 18:CLASS

19:CLASS 20:CLASS 21:CLASS 22:CLASS 23:CLASS 25:Atom 26:CLASS 27:Atom

28:Atom 29:Atom 30:Atom 31:Atom 32:Atom 33:Atom 34:Atom 35:Atom 36:Atom

37:Atom 38:CLASS 39:CLASS 40:CLASS 41:CLASS 42:CLASS 43:CLASS

```
fragments assigned product role:  
containing 25  
fragments assigned reactant/reagent role:  
containing 1  
containing 18
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```
L13      STRUCTURE UPLOADED
```

```
=> d 113  
L13 HAS NO ANSWERS  
L13      STR
```

```
* STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY - AVAILABLE VIA OFFLINE PRINT *
```

```
Structure attributes must be viewed using STN Express query preparation.
```

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=> search 113 sss sam  
SAMPLE SEARCH INITIATED 13:25:01 FILE 'CASREACT'  
SCREENING COMPLETE -          0 REACTIONS TO VERIFY FROM      0 DOCUMENTS
```

```
100.0% DONE      0 VERIFIED      0 HIT RXNS      0 DOCS  
SEARCH TIME: 00.00.01
```

```
FULL FILE PROJECTIONS: ONLINE **COMPLETE**  
                      BATCH **COMPLETE**
```

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PROJECTED VERIFICATIONS:      0 TO      0  
PROJECTED ANSWERS:          0 TO      0
```

```
L14      0 SEA SSS SAM L13 (      0 REACTIONS)
```

```
=> search 113 sss full  
FULL SEARCH INITIATED 13:25:09 FILE 'CASREACT'  
SCREENING COMPLETE -          4 REACTIONS TO VERIFY FROM      2 DOCUMENTS
```

```
100.0% DONE      4 VERIFIED      0 HIT RXNS      0 DOCS  
SEARCH TIME: 00.00.01
```

```
L15      0 SEA SSS FUL L13 (      0 REACTIONS)
```

```
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COST IN U.S. DOLLARS           SINCE FILE      TOTAL  
                                ENTRY      SESSION  
FULL ESTIMATED COST          114.90       173.40  
  
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)      SINCE FILE      TOTAL  
                                                ENTRY      SESSION  
CA SUBSCRIBER PRICE          0.00        -3.90
```

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SESSION WILL BE HELD FOR 120 MINUTES  
STN INTERNATIONAL SESSION SUSPENDED AT 13:26:21 ON 12 DEC 2007
```

```
Connecting via Winsock to STN
```

```
Welcome to STN International! Enter x:x
```

```
LOGINID:SSSPTA1623PAZ
```